

Key Findings from the 2006 High Schools That Work Assessment

.....a four part assessment package completed by senior students 21 schools, consisting of a NAEP-based assessment instrument, a student survey, a teacher survey, and a student transcript analysis.

Number of High Schools : 21 high schools testing 824 students

**Statewide summary report shows the impact on test scores by math, reading, and science for each of the items listed below.*

1. Percentages of students meeting the NAEP-based performance goals

Reading – 70%

Math – 83%

Science 70%

HSTW Goal is 85% scoring at the following levels: Reading – 279;
Math – 297; and Science - 299

2. Percentage of students completing the HSTW-recommended curriculum

South Dakota – 15%

HSTW Goal – 85%

3. Percentages of students who scored “below basic” on the HSTW NAEP-based tests

Reading – 14%

Math – 17%

Science – 30%

4. Percentages of students who completed at least one semester of algebra or pre-algebra before grade nine

39%

5. Percentages of students who met the HSTW curriculum and performance goals (Award of Educational Achievement)

All students – 25%

CTE students – 38%

HSTW Goal – 75%

Percentages of students who:

6. Read one or more hours of non-related schoolmaterial a week

21%
HSTW Goal – 65%

7. Did one or more hours of homework daily

18%
HSTW Goal – 80%

8. Never completed daily homework in CTE classes

36%

9. Were encouraged to take more challenging math courses

11%
HSTW Goal – 85%

10. Worked hard to meet high standards on assignments

41%

11. Took math the senior year

71%
HSTW Goal – 95%

12. Met with their parents and a counselor or a teacher-adviser to plan a Program of Study

50%
HSTW Goal – 85%

13. Completed four credits of math

46%

Percentages of academic and career/technical teachers who agreed strongly that:

14. Teachers maintain a demanding yet supportive environment that pushes students to do their best

39%
HSTW Goal – 70%

15. Teachers and school administrators work together to improve student achievement

40%
HSTW Goal – 70%

Percentages of career/technical teachers reporting that they needed and received staff development in:

16. Reading and writing for learning

13%

HSTW Goal 75%

17. Percentage of students who reported earning college credit while in high school

All students – 40%

CTE students – 37%

HSTW Goal – 80%

18. Percentage of students who reported time spent daily watching television or playing video or computer games

4 or more hours – 7%

At least 3 hours – 6%

At least 2 hours – 24%

More than 1 hour, less than 2 – 28%

1 hour or less – 34%

19. Number of books read this year both in and out of school

1 – 2 books – 11%

3 – 5 books – 27%

6 – 10 books – 24%

11 – 20 books – 10%

More than 20 books – 4%

20. Number of students who took science the senior year
68%

21. Solved math problems other than those in a textbook

Never – 16%

Once a Year – 12%

Once a Semester – 18%

Once or Twice a Month – 26%

Weekly/Several Times a Week – 27%

22. Number of hours worked each week in a part time job

None – 31%

10 hours or fewer – 21%

11 to 15 hours – 15%

16 to 20 hours – 14%

21 to 30 hours – 13%

More than 30 hours – 5%

Percentage of CTE students who

23. Used math weekly in CTE assignments

23%

HSTW Goal – 75%

24. Read technical manuals weekly

18%

HSTW Goal – 80%

25. Had challenging assignments at least monthly

44%

HSTW Goal – 85%

26. Spend a minimum of 30 minutes on homework daily

8%

HSTW Goal – 85%

27. Completed short writing assignments of 1-3 pages weekly

5%

HSTW Goal – 65%

28. Maintained a student portfolio

15%

HSTW Goal – 65%

29. Performed tests containing industry standards to pass the course

29%

HSTW Goal – 75%

30. Used math weekly in CTE assignments

23%

HSTW Goal – 75%